Docket No.: 5000-1-4/4

DECLARATION AND POWER OF ATTORNEY

As a below named inventor (s), I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ATHERMAL ARRAYED WAVEGUIDE GRATING

,the specification of which i	s attached hereto unless the fol	lowing box is checked:		
was filed on	as United States Ap			
claims, as amended by any a I acknowledge the duty to d Federal Regulation, §1.56. I hereby claim foreign prior patent or inventor's certifica	riewed and understand the continuendment referred to above, isclose information which is mait benefits under Title 35, Unite listed below and have also id a filing date before that of the a	atcrial to patentability as defin ted States Code, §119 of any f lentified below any foreign ap	oreign application(s) for plication for patent or	
Prior Foreign Application(s) 2003-4028 (Number)	Republic of Korca (Country)	21/01/2003 (Day/Month/Year Filed)	Priority Claimed Yes No	
(Number)	(Country)	(Day/Month/Year Filed)	∐Yes □No	
and, insofar as the subject mapplication in the manner pr the duty to disclose informat	der Title 35, United States Coc atter of each of the claims of the ovided by the first paragraph of tion which is material to patents en the filing date of the prior an	is application is not disclosed If the Title 35, United States Co ability as defined in Title 37, C	in the prior United States ode, §112, I acknowledge Code of Federal Regulation	
(Application Number)	(Filing Dat	e) (Status - pater	(Status - patented, pending, abandoned)	
(Application Number)	(Filing Date	e) (Status - pater	nted, pending, abandoned)	

POWER OF ATTORNEY: I hereby appoint as my attorneys and other attorneys or agents the registered persons identified under

CUSTOMER NUMBER 33942

for the law firm of Cha & Reiter, said attorneys or agents with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to:

Steve S. Cha, Esq.

CUSTOMER NUMBER

33942

CHA & REITER

411 HACKENSACK AVE

9TH FLOOR

HACKENSACK, NEW JERSEY 07601

Address all telephone calls to:

(201)518-5518:

I (we) hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor;

Joong-Hwan SONG

Residence Address:

224-16, Pangi-dong, Songpa-gu, Seoul, Republic of Korea

Post office address:

Same as above Republic of Korea

Citizenship:

July 18, 2003

Date:

Signature:

Full name of Second inventor:

Kyong-Shik LEE

Residence Address:

185, Kaepo-dong, Kangnam-gu, Seoul, Republic of Korea

Post office address: Citizenship:

Same as above Republic of Korca

Date:

Signature:

July 18, 2003

Full name of Third inventor:

Oh-Dal KWON

Residence Address:

#923-902, Byuckjukgol Samsung APT., Youngtong-dong, Paldal-gu,

Suwon-shi, Kyonggi-do, Republic of Korca

Post office address: Citizenship:

Same as above Republic of Korca

Date:

Signature:

🗘 July 18, 2003

Full name of Fourth inventor: Sun-Tae JUNG Residence Address: 1115, Hogye-dong, Tongan-gu, Anyang-shi, Kyonggi-do, Republic of Korca Post office address: Same as above Citizenship: Republic of Korca July 18, 2003 Date: Signature: Full name of Fifth inventor: Myong-Won KIM Residence Address: #117-102, Kolon APT., Yatap-dong, Pundang-gu, Songnam-shi, Kyonggi-do, Republic of Korca Post office address: Same as above Citizenship: Republic of Korea July 18, 2003 Date: Myong Won Kim Signature: Full name of Sixth inventor: Joon-Yong CHO Residence Address: 607, Sipjong-dong, Pupyong-gu, Inchonkwangyok-shi, Republic of Korea Post office address: Same as above Citizenship: Republic of Korea July 18, 2003 Date: Joon - Young Cho Signature: Full name of Seventh inventor: In-Jae LEE Rosidence Address: #307-1203, Hanil APT., Chongja-dong, Pundang-gu, Songvarn-shi, Kyonggi-do, Republic of Korea Post office address: Same as above Citizenship: Republic of Korca July 18, 2003 Date: Signature: Full name of Eighth inventor: Bang-Woon LEE Residence Address: 97-1, Yangjae-dong, Socho-gu, Scoul, Republic of Korea Post office address: Same as above Citizenship: Republic of Korea

July 18, 2003

Bang Ween LEE

Date:

Signature:

Full name of Ninth inventor:

Residence Address:

Post office address:

Citizenship:

Date:

Signature:

Seung-Wan LEE 928, Youngtong-dong, Paldal-gu, Suwon-shi, Kyonggi-do, Republic of Korea

Same as above

Republic of Korea

July 18, 2003